

Attorney Docket No. : 101194-34

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Helmut SCHILLER  
PCT Application No.: PCT/EP00/01670  
Serial No. : To Be Assigned  
Filed : Herewith  
For : ELECTRIC DIRECT CURRENT MACHINES  
Art Unit : To Be Assigned  
Examiner : To Be Assigned

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September 4, 2001

BOX PCT  
Hon. Assistant Commissioner For Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

In advance of prosecution, kindly amend the above-identified application as follows and consider the following remarks:

**IN THE CLAIMS**

Please cancel the previous version of the following claims and replace them with the following rewritten version. A marked up copy showing the amendment since the previous version is annexed as separate pages.

AI  
Claim 4 (amended). Direct current machine as claimed in Claim 1, characterised in that the two commutators (18a; 18b) are arranged on the rotor shaft (24) outside the end walls (14a; 14b) of the housing (12) accommodating the rotor

MARKED-UP COPIES OF AMENDED CLAIMS,  
SHOWING CHANGES RELATIVE TO PREVIOUS VERSION

Claim 4 (amended). Direct current machine as claimed in [one of Claims 1 to 3] Claim 1, characterised in that the two commutators (18a; 18b) are arranged on the rotor shaft (24) outside the end walls (14a; 14b) of the housing (12) accommodating the rotor (26).

Claim 7 (amended). Direct current machine as claimed in [one of Claims 1 to 6] Claim 1, characterised in that in order to reduce the number of pairs of commutator sliding contacts (42; 50) arranged offset from one another in the peripheral direction, contact elements (40), which are associated with one another and are offset from one another in the peripheral direction, are electrically connected together.

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